

Converting Colors

Hex(6A7DAA)

Have a look what the booklet for
Hex(6A7DAA) contains.

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Color

Hex(6A7DAA)

Conversions

Conversions Part 1

Format	Color
Hex	6A7DAA
RGB	106, 125, 170
RGB Percent	42%, 49%, 67%
CMY	0.5843, 0.5098, 0.3333
CMYK	0.38, 0.26, 0.00, 0.33
HSL	222°, 27%, 54%
HSV	222°, 38%, 67%
XYZ	20.5332, 20.6337, 40.9307
YIQ	124.4490, -25.7690, 9.9670

Conversions

Conversions Part 2

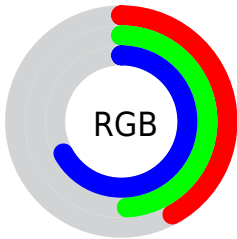
Format	Color
RYB	106, 121, 170
Decimal	6978986
CIELab	52.55, 4.56, -26.16
CIELCh	53, 26.553, 279.882
Yxy	20.6337, 0.2501, 0.2513
Android (android.graphics.Color)	4285169066 (0xFF6A7DAA)
YUV	124.4490, 22.4566, -16.1798
Hunter-Lab	45.4243, 1.1949, -21.6277

Details

The Hex color **6A7DAA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AA976A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9FB1E1**, and **374C76** is the 20% darker color. If you saturate the color by 10%, you get **5971AA**, and if you desaturate by 10%, it is **7B89AA**.

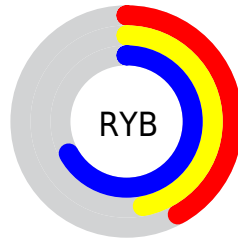
Distribution



Red (42%)

Green (49%)

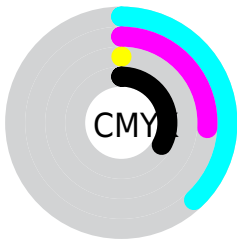
Blue (67%)



Red (42%)

Yellow (47%)

Blue (67%)

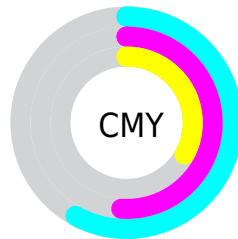


Cyan (38%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (58%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7DAA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6A7DAA by changing the saturation by 10% instead.

■ 6A7DAA

■ 6A7DAA

FFFFFF

■ 50648F

■ 9FB1E1

■ 374C76

■ BBCDFE

■ 1D365D

■ D7E9FF

■ 002145

■ F4FFFF

■ 00092F

■ 000119

■ 000000

■ 6A7DAA

■ 6A7DAA

■ 5971AA

■ 7B89AA

■ 4865AA

■ 8C95AA

■ 3759AA

■ 9DA1AA

■ 264DAA

■ AEADAA

■ 1541AA

■ BFB9AA

■ 0435AA

■ D0C5AA

■ 0032AA

■ E1D1AA

■ F2DDAA

■ FFE9AA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4784A8



6A7DAA



8A75A0

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6A7DAA



A77061



51896D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6A7DAA



AA976A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6C855A



6A7DAA



9A7753

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6A7DAA



AA6C77



867E50



378A84

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6A7DAA



9A7095



867E50



5A8866

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6A7DAA



C5CDDE



6AAA97



626670



F0F0F0



707070

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6A7DAA



7A98DE



776AAA



4C4E54



002C94



000614

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AA6A7D



DE7A98



9DAA6A



544C4E



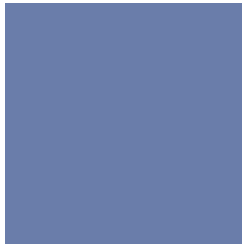
94002C



140006

Previews

White Background



This preview shows how the Hex color 6A7DAA looks on a white background.

Color Contrast Check

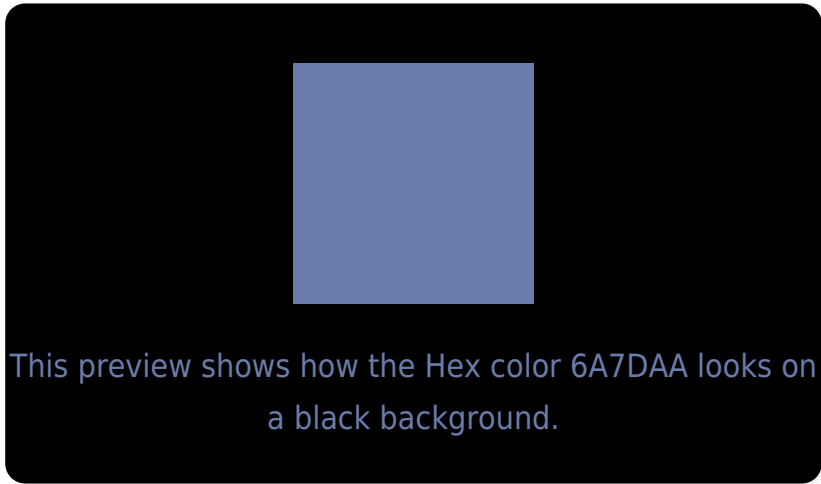
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

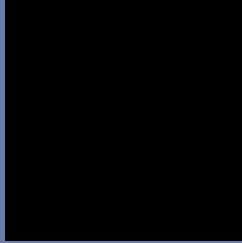
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

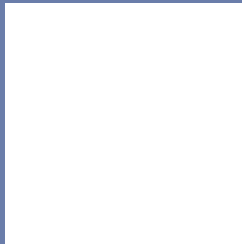
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6A7DAA Background



This preview shows how black text looks on a background with the Hex color 6A7DAA.

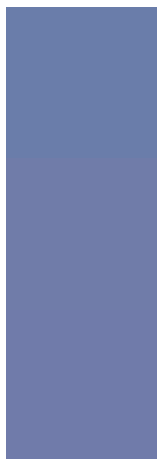


This preview shows how white text looks on a background with the Hex color 6A7DAA.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


6A7DAA

Protanopia

707CA9

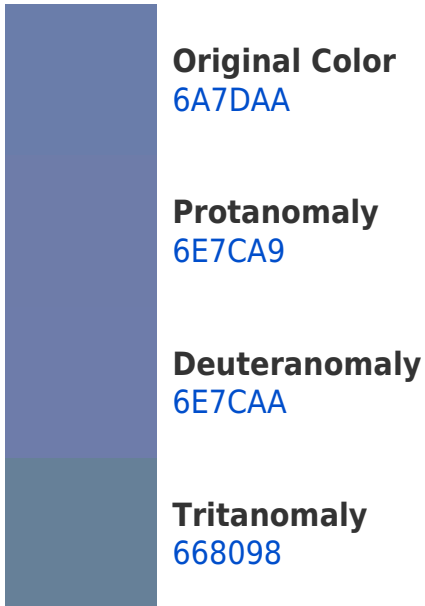
Deuteranopia

707BAA

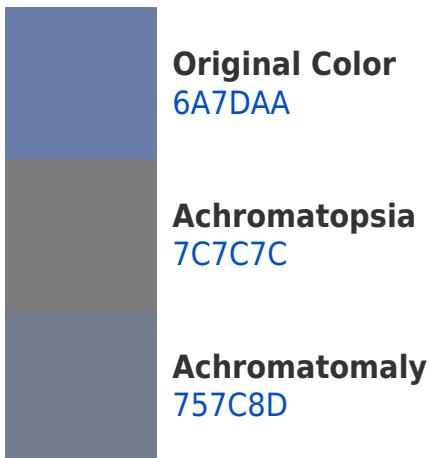


Tritanopia
63828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7DAA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6A7DAA looks like.

```
.text, #text, p{  
    color:#6A7DAA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6A7DAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7DAA
}
```

Border

The CSS property to change the border of an element to Hex 6A7DAA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7DAA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6A7DAA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6A7DAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7DAA; -webkit-box-shadow:4px 4px  
4px 4px #6A7DAA; box-shadow:4px 4px 4px  
4px #6A7DAA }
```

Background

The CSS property to change the background color of an element to Hex 6A7DAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7DAA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6A7DAA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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